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(71) Applicant (for all designated States except US): GENER-VON BIOPHARMACEUTICALS LLC [US/US]; 830 North Wilcox Avenue, Montebello, CA 90640 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): XUE, Bob, Baoguo [CA/US]; 33744 14th Street, Union City, CA 94587 (US).

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(54) Title: MOTONEURONOTROPHIC FACTOR GENE SEQUENCES

(57) Abstract: The invention is directed nucleic acids associated with sequences encoding motoneuronotrophic factors, which promote the survival, growth, proliferation, or maintenance of mammalian neurons, polypeptides encoded by the sequences, and assays for detecting the sequences.

